

531,246

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2004 (06.05.2004)

PCT

(10) International Publication Number
WO 2004/038621 A1

(51) International Patent Classification⁷: **G06F 17/60**

(21) International Application Number:
PCT/GB2003/001790

(22) International Filing Date: 28 April 2003 (28.04.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0224805.2 24 October 2002 (24.10.2002) GB

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

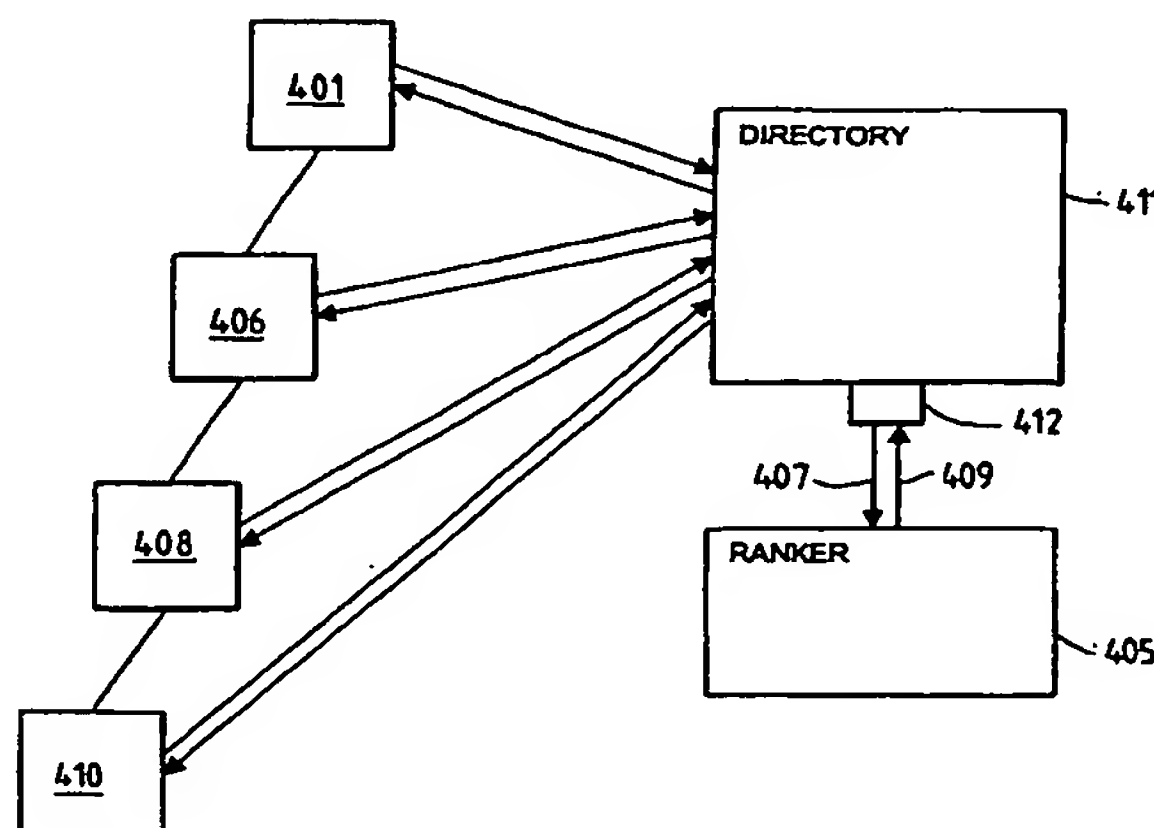
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **METHOD AND SYSTEM FOR RANKING SERVICES IN A WEB SERVICES ARCHITECTURE**



(57) Abstract: A method for ranking services in a web services architecture and a web services architecture are provided. The web services architecture has a hierarchy of services (401, 406, 408, 410) with a root originating service requestor (401) and a service of a first level in the hierarchy calling a service of a lower level. The originating service requestor (401) indicates a preference regarding one or more services and a ranking machine (405) provides a choice algorithm based on the preference. The originating service requestor (401) invokes services of one or more levels of hierarchy. At each level of the hierarchy (401, 406, 408, 410), a service uses a directory (411) to find a set of possible lower-level services and the ranking machine (405) applies the choice algorithm to the set of possible lower-level services. In one embodiment, the set of possible lower-level services is referred to the ranking machine (405) from the directory (411) and a preferred sequence is returned by the ranking machine (405) to the directory (411).

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